SOUTHEAST BOARS TUSK QUADRANGLE UNITED STATES DEPARTMENT OF THE INTERIOR WYOMING-SWEETWATER CO. **GEOLOGICAL SURVEY** 7.5 MINUTE SERIES (TOPOGRAPHIC) R.103 W. R.102 W. 17 15 13 18 23 24 19 28 30 29 27 26 25 32 33 36 50'00' 50'00" T.22 N. T.22 N. T.21 N. T.21 N. NOTE: Overburden isopachs are not drawn beyond those shown because of insufficient data. 11 12 13 47'30" 47'30" 22 20 23 24 25 41°45′ 109°00′ 02'30" R.103 W. R.102 W. SCALE 1:24 000 Base from U.S. Geological Survey, 1958 Compiled in 1977/1978 1 KILOMETER WYOMING QUADRANGLE LOCATION

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PLATE 5 OF 36

EXPLANATION

OVERBURDEN ISOPACHS - Showing thickness of overburden, in feet, from surface to top of coal bed. Dashed where vertical accuracy possibly not within 50 feet. Isopach interval 100 feet (31 m) over strippable coal and 200 feet (61 m) beyond the stripping-limit line.

o<sup>707</sup>

DRILL HOLE - Showing thickness of overburden, in feet, from surface to top of coal bed.

MINING-RATIO CONTOUR - Number indicates cubic yards of overburden per ton of recoverable coal by surface mining methods. Contours shown only in areas underlain by coal of Reserve Base thickness within the stripping-limit (in this quadrangle, the 200-foot-overburden isopach). To convert mining ratio to cubic meters of overburden per metric ton of recoverable coal, multiply mining ratio by 0.8428.

RS-19 - Rock Springs No. 19
COAL BED SYMBOL AND NAME

TRACE OF COAL BED OUTCROP - Showing symbol of name of coal bed as listed above. Dashed where inferred; short dashed where inferred by present authors.

To convert feet to meters, multiply feet by 0.3048.

This report has not been edited for conformity with U.S. Geological Survey editorial standards or stratigraphic nomenclature.

COAL RESOURCE OCCURRENCE MAP OF THE SOUTHEAST QUARTER OF THE BOARS TUSK 15-MINUTE QUADRANGLE, SWEETWATER COUNTY, WYOMING

BY DAMES & MOORE 1979 PLATE 5

OVERBURDEN ISOPACH AND
MINING RATIO MAP OF THE
ROCK SPRINGS NO. 19 COAL BED